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IN THE CLAIMS

Please cancel claims 2-5, 8, 10-17, 20, 34-41, and 44.

Please rewrite claims 1, 7, 9, 21, 23, 25, 27-31, 33, and 45 as shown below.

1. (Currently Amended) A method for distributing satellite tracking data to a remote receiver comprising:

~~receiving satellite tracking data~~ ephemeris data from a satellite control station;
~~representing at least a portion of said satellite tracking data as formatted data~~
~~having a format supported by the remote receiver, said at least a portion of said satellite~~
~~tracking data being valid for at least four hours; and~~

~~transmitting the formatted data~~ at least a portion of said ephemeris data to the remote receiver, said at least a portion of said ephemeris data being valid for at least four hours ~~using a terrestrial communication link.~~

2-5. Cancelled.

6. (Original) The method of claim 1 wherein said satellite control station is the Master Control Station for at least one of a GPS satellite system or a Galileo satellite system.

7. (Currently Amended) The method of claim 6 wherein said receiving step comprises receiving said ~~satellite tracking~~ ephemeris data from said Master Control Station via a frame relay communication link.

8. Cancelled.

9. (Currently Amended) The method of claim ~~[[8]]~~ 1 wherein said ephemeris data includes blocks of ephemeris data valid for a period of time in the future.

10-17. Cancelled.

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18. (Original) The method of claim 1 wherein said remote receiver is a GPS receiver.
19. (Original) The method of claim 1 wherein said remote receiver is a satellite positioning system receiver.
20. Cancelled.
21. (Currently Amended) The method of claim 1 wherein the ~~satellite tracking~~ ephemeris data is valid for a first period of time and the at least a portion of said ~~satellite tracking~~ ephemeris data is valid for a second period of time, where said first period is longer than said second period.
22. (Original) The method of claim 1 wherein said transmitting step further comprises:
transmitting using a wireless communications link.
23. (Currently Amended) The method of claim 22 wherein said transmitting step further comprises:
broadcasting the ~~formatted data~~ said at least a portion of said ephemeris data to a remote receiver.
24. (Original) The method of claim 1 wherein said transmitting step comprises:
transmitting using a computer network.
25. (Currently Amended) The method of claim 24 wherein said transmitting step further comprises:
broadcasting the ~~formatted data~~ said at least a portion of said ephemeris data to a remote receiver.
26. (Original) The method of claim 1 wherein said transmitting step comprises:
transmitting using the Internet.

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27. (Currently Amended) The method of claim 26 wherein said transmitting step further comprises:

broadcasting ~~the formatted data~~ said at least a portion of said ephemeris data to a remote receiver.

28. (Currently Amended) The method of claim 26 wherein said transmitting step couples ~~the formatted data~~ said at least a portion of said ephemeris data to the remote receiver when said remote receiver connects to the Internet.

29. (Currently Amended) The method of claim 1, wherein said transmitting step further comprises:

determining a time when a cost of transmitting ~~the formatted data~~ said at least a portion of said ephemeris data is relatively low; and

transmitting ~~the formatted data~~ said at least a portion of said ephemeris data at said time.

30. (Currently Amended) The method of claim 1, wherein said transmitting step further comprises:

determining a time when the congestion of a transmission network is relatively low;

transmitting ~~the formatted data~~ said at least a portion of said ephemeris data at said time.

31. (Currently Amended) Apparatus for distributing satellite tracking data to a remote receiver comprising:

a computer for receiving ~~satellite tracking data~~ ephemeris data from a satellite control station~~[[.]]~~ and accessing at least a portion of said ~~satellite tracking~~ ephemeris data from a memory, ~~and formatting said at least a portion of said satellite tracking data~~

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~~as formatted data having a format supported by the remote receiver,~~ said at least a portion of said ~~satellite-tracking~~ ephemeris data being valid for at least four hours; and ~~terrestrial means for transmitting the formatted data~~ said at least a portion of said ephemeris data to the remote receiver.

32. (Original) The apparatus of claim 31 wherein said satellite control station is the Master Control Station of at least one of a GPS satellite system or Galileo satellite system.

33. (Currently Amended) The apparatus of claim 32 further comprising a frame relay for communicating said ~~satellite-tracking~~ ephemeris data from said Master Control Station to said computer.

34-41. Cancelled.

42. (Original) The apparatus of claim 31 wherein said remote receiver is a GPS receiver.

43. (Original) The apparatus of claim 31 wherein said remote receiver is a satellite positioning system receiver.

44. Cancelled.

45. (Currently Amended) The apparatus of claim 31 wherein the ~~satellite-tracking~~ ephemeris data is valid for a first period of time and the at least a portion of said ~~satellite-tracking~~ ephemeris data is valid for a second period of time, where said first period is longer than said second period.

46. (Original) The apparatus of claim 31 wherein said transmitting means comprises:
a wireless communications link.

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47. (Original) The apparatus of claim 31 wherein said transmitting means comprises:
a computer network.

48. (Original) The apparatus of claim 31 wherein said transmitting means comprises:
the Internet.